PTO/SB/01 (08-03)

Approved for use through 07/31/2006. OMB 0651-0032

U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number. Attorney Docket Number 1866.0420001 DECLARATION FOR UTILITY OR First Named Inventor **DESIGN** David Mosenkis COMPLETE IF KNOWN PATENT APPLICATION (37 CFR 1.63) Application Number 10/702,086 Filing Date November 6, 2003 Declaration Declaration Submitted OR Submitted after Initial Art Unit With Initial Filing (surcharge 2862 Filing (37 CFR 1.16 (e)) **Examiner Name** required) (to be assigned) I hereby declare that: Each inventor's residence, mailing address, and citizenship are as stated below next to their name. I believe the inventor(s) named below to be the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought on the invention entitled: Computing A Residue Fingerprint For A Molecular Structure (Title of the Invention) the specification of which is attached hereto OR Х was filed on (MM/DD/YYYY) November 6, 2003 as United States Application Number or PCT International **Application Number** and was amended on (MM/DD/YYYY) 10/702,086 (if applicable). I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above. I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application. I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent,

inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.

| Prior Foreign Application Number(s) | Country | Foreign Filing Date (MM/DD/YYYY) | Priority Not Claimed | Certified Cop Yes | y Attached? No |
|-------------------------------------|----------------|-------------------------------------|--------------------------|----------------------|-------------------|
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| Additional foreign applicat | ion numbers ar | e listed on a supplemental pr | iority data sheet PTO/SE | 3/02B attached | hereto. |

[Page 1 of 2]

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DECLARATION — Utility or Design Patent Application

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| Name | | | | | | | | |
| Sterne, Kessler, Goldstein & | Fox P.L.L.C. | | | | | | | |
| Address | | • | | | | | | |
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| City | | | Sta | ate | | | ZIP | |
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| Country | Telephone | | | | Fax | i ax | | |
| I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon. | | | | | | | | |
| NAME OF SOLE OR FIRST IN | VENTOR: | | A petitio | n has b | een filed for thi | s unsian | ned inventor | |
| Given Name | * | | I | | Family Name | J | | |
| (first and middle [if any]) | | David | | | or Surname | Surname Mosenkis | | |
| Inventor's Signature Land Man | lie | | | <u></u> | | | Date 3/29/2004 | |
| Residence: City | State | | Co | untry | | Citizer | | |
| Philadelphia | Pennsylvania | | | USA | | USA | | |
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| Blue Bell | Pennsylvania | | | | 19422 USA | | | |
| NAME OF SECOND INVENTOR: A petition has been filed for this unsigned inventor | | | | | | | | |
| Given Name (first and middle [if any]) | | | | | Family Name or Surname | | | |
| Inventor's Signature | | | | | | | Date | |
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| Additional inventors or a legal re | presentative are bei | ng named on the | supple | mental sh | eet(s) PTO/SB/02A | or 02LR a | attached hereto. | |
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PTO/SB/81 (09-03)
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| | ation unless it displays a valid OMB control number. |
|------------------------|--|
| Application Number | 10/702,086 |
| Filing Date | November 6, 2003 |
| First Named Inventor | David Mosenkis |
| Title Computing | A Residue Fingerprint For A Molecular Structure |
| Art Unit | 2862 |
| Examiner Name | (to be assigned) |
| Attorney Docket Number | 1866 0420001 |

| I hereb | y appoint: | | | | | | | |
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| | Practitioner(s) named below: | | | | | | | |
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| | our aπorney(s) or agent(s nark Office connected the | s) to prosecute the application erewith. | identified above, | and to tran | sact all business | s in the United St | tates Patent and | |
| Please recognize or change the correspondence address for the above-identified application to: The address associated with the above-mentioned Customer Number: | | | | | | | | |
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| | OR | | | - | | | | |
| | Firm or Individual Name | Sterne, Kessler, Goldste | in & Fox P.L.L | .C. | | | _ | |
| | Address | | | | | | | |
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| | Applicant/Inventor. | | | | | | | |
| X | | the entire interest. See 37 CFF FR 3.73(b) is enclosed. (Form | | | | | | |
| SIGNATURE of Applicant or Assignee of Record | | | | | | | | |
| Name | YurivB | sterchal to | Ph_D | | | | | |
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| Date | | Youl 30, 2004 | | · | Telephone | 215-358- | 2073 | |
| NOTE: forms if | Signatures of all the inventor more than one signature is r | s or assignees of record of the enti- equired, see below*. | ire interest or their r | epresentativ | e(s) are required. | Submit multiple | | |
| | *Total of | forms are submitted. | | | | | | |

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PTO/SB/96 (08-03)

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| ADEMA | STATE | MENT UNDER 37 CFR 3.7 | <u>3(b)</u> | 1866.0420001 |
|---|--|---|--|--------------|
| Applicant/Patent Owner: Dav | d Mosenkis | | | |
| Application No./Patent No.: | 10/702,086 | Filed/Issue Date: | November 6, 2003 | |
| Entitled: Computing A Residu | e Fingerprint For | A Molecular Structure | | |
| Locus Pharmaceuticals, Inc. (Name of Assignee) | | , a <u>corporation</u> (Type of Assignee, e.g., corpo | ration, partnership, university, go | |
| states that it is: 1. ☑ the assignee of the entire | e right, title, and int | terest; or | | |
| 2. an assignee of less than The extent (by percentage identified above by virtue | ge) of its ownership | e and interest. o interest is ————— % in the | patent application patent | |
| | nt and Trademark | atent application/patent identific | | |
| OR | | | | |
| assignee as shown below 1. From: The document | v: was recorded in the | atent application/patent identifie To: Te Patent and Trademark Office | at | |
| | , Frame | , or for which a | s copy thereof is attached. | |
| | was recorded in th | To: ne Patent and Trademark Office , or for which | | d. |
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| [] Additional docum | ents in the chain of | f title are listed on a supplement | al sheet. | |
| [X] Copies of assignments or c [NOTE: A separate copy (i must be submitted to Assigned recorded in the records of | i.e., the original ass gnment Division in | signment document or a true co accordance with 37 CFR Part 3 | py of the original documer , if the assignment is to be | nt) ∍ |
| The undersigned (whose title is | s supplied below) is | s authorized to act on behalf of t | the assignee. | |
| Muy 6 30, 20 | wy | Yuri | y P/ Stercho//J | L.D., Ph.D. |
| Date | | | Typed or printed name | |
| 215-358-2073 | | -/, | ffry X John | |
| Telephone number | Я | | / Śignatửre | |
| | | Direct | tor of Legal Af Title | fairs |

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ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00) or equivalent and other good and valuable consideration paid to each of the undersigned inventor: <u>David MOSENKIS</u>, the undersigned inventor hereby sells and assigns to <u>Locus Pharmaceuticals</u>, Inc. (the Assignee) his/her entire right, title and interest, including the right to sue for past infringement and to collect for all past, present and future damages:

check applicable box(es)

- in a square of the United States of America (as defined in 35 U.S.C. § 100),
 in and throughout the world.
- (a) in the invention known as <u>Computing a Residue Fingerprint for a Molecular Structure</u> (also known as United States Application No. 10/702,086, filed <u>November 6, 2003</u>; Attorney Dkt. No. 1866.0420001), in any and all applications thereon, in any and all Letters Patent(s) therefor, and
- (b) in any and all applications that claim the benefit of the patent application listed above in part (a), including continuing (continuation, divisional, or continuation-in-part) applications, reissues, extensions, renewals and reexaminations of the patent application or Letters Patent therefor listed above in part (a), to the full extent of the term or terms for which Letters Patents issue, and
- (c) in any and all inventions described in the patent application listed above in part and and in any and all forms of intellectual and industrial property protection derivable from such patent application, and that are derivable from any and all continuing applications, reissues, extensions, renewals and reexaminations of such patent application, including, without limitation, patents, applications, utility models, inventor's certificates, and designs together with the right to file applications therefor; and including the right to claim the same priority rights from any previously filed applications under the International Agreement for the Protection of Industrial Property, or any other international agreement, or the domestic laws of the country in which any such application is filed, as may be applicable;

all such rights, title and interest to be held and enjoyed by the above-named Assignee, its successors, legal representatives and assigns to the same extent as all such rights, title and interest would have been held and enjoyed by the Assignor had this assignment and sale not been made.

The undersigned inventor agrees to execute all papers necessary in connection with the application and any continuing (continuation, divisional, or continuation-in-part), reissue, reexamination or corresponding applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned inventor agrees to execute all papers necessary in connection with any interference or patent enforcement action (judicial or otherwise) related to the application or any continuing (continuation, divisional, or continuation-in-part), reissue or reexamination applications thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference or patent enforcement action.

Appl. No. 10/702,086 366.0420001

The undersigned inventor hereby represents that he has not executed, and will not execute, any agreement in conflict ATION The undersigned inventor hereby represents that he has full right to convey the entire in

The undersigned inventor(s) hereby grant(s) Robert Greene Sterne, Esquire, Registration No. 28,912; Edward J. Kessler, Esquire, Registration No. 25,688; Jorge A. Goldstein, Esquire, Registration No. 29,021; David K.S. Cornwell, Esquire, Registration No. 31,944; Robert W. Esmond, Esquire, Registration No. 32,893; Tracy-Gene G. Durkin, Esquire, Registration No. 32,831; Michele A. Cimbala, Esquire, Registration No. 33,851; Michael B. Ray, Esquire, Registration No. 33,997; Robert E. Sokohl, Esquire, Registration No. 36,013; Eric K. Steffe, Esquire, Registration No. 36,688; Michael O. Lee, Esquire, Registration No. 35,239; Steven R. Ludwig, Esquire, Registration No. 36,203; John M. Covert, Esquire, Registration No. 38,759; Linda E. Alcorn, Esquire, Registration No. 39,588; Lawrence B. Bugaisky, Esquire, Registration No. 35,086; Donald J. Featherstone, Esquire, Registration No. 33,876; Robert C. Millonig, Esquire, Registration No. 34,395; Michael V. Messinger, Esq., Registration No. 37,575; Judith U. Kim, Esq., Registration No. 40,679; Timothy J. Shea, Jr., Esq., Registration No. 41,306; and Patrick E. Garrett, Esq., Registration No. 39,987; all of STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C., 1100 New York Avenue, N.W., Washington, D.C. 20005-3934, power to insert in this assignment any further identification that may be necessary or desirable in order to comply with the rules IN WITNESS WHEREOF, executed by the undersigned inventor on the date opposite his harmon ATION of the United States Patent and Trademark Office for recordation of this document

12/1/2003

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